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PASCAL & ASSOCIATES
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RECORDATION DATE: 06/30/1998

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BHULLAR, GURPREET

DOC DATE: 06/29/1998

ASSIGNOR:
ALLAN, GRAHAM

DOC DATE: 06/29/1998

ASSIGNEE:
MOSAID TECHNOLOGIES INCORPORATED
P.O. BOX 13579
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SERIAL NUMBER: 09106755
PATENT NUMBER:

FILING DATE: 06/30/1998
ISSUE DATE:

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
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To the Honorable Commissioner

07-14-1998



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the attached original documents or copy thereof.

1. Name of conveying party(ies):

Gurpreet BHULLAR
Graham ALLAN

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: June 29, 1998

Yes

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: June 29, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Pascal & Associates

Internal Address: _____

Street Address: _____

P.O. Box 11121, Station H
Nepean, Ontario, Canada, K2H 7T8
City: _____ State: _____ ZIP: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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Signature

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June 29, 1998 Date

ASSIGNMENT AND AGREEMENT

For value received, we Gurpreet BHULLAR and Graham ALLAN whose full post office addresses are 278-E Dalehurst Avenue, Nepean, Ontario, Canada, K2G 4J5 and 10 Carberry Drive, Stittsville, Ontario, Canada, K2S 1E4 hereby sell, assign and transfer to MOSAID TECHNOLOGIES INCORPORATED whose full post office address is P.O. Box 13579, Kanata, Ontario, Canada, K2K 1X6 and its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to PROCESS, VOLTAGE, TEMPERATURE INDEPENDENT SWITCHED DELAY COMPENSATION SCHEME contained in an application for letters patent of UNITED STATES executed June 29, 1998 of all rights and privileges including priority rights arising from the application aforesaid and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said inventions.

We request that any and all patents for said inventions may be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for claiming said priority rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

THE UNDERSIGNED hereby authorizes the firm of PASCAL & ASSOCIATES whose full office address in Canada is Suite 405, 301 Moodie Drive, Nepean, Ontario, K2H 9C4, and whose full mailing address is P.O. Box 11121, Station H, Ottawa, Ontario, K2H 7T8, to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the Canadian Patent Office.

EXECUTED AT ...Kanata, ONT.....
this ..29...day of ..June....)
1998. *M. W.* *Gurpreet BHULLAR* X

Witness:

EXECUTED AT ...KANATA, ONT.....
this ..29th...day of JUNE....)
1998. *M. W.*

Witness:

Graham Allan X
(Graham ALLAN)

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **PROCESS, VOLTAGE, TEMPERATURE INDEPENDENT SWITCHED DELAY COMPENSATION SCHEME**, the specification of which is attached hereto unless the following is checked:

was filed on _____ as United States
Application No. ; or
 PCT International Application No.
 and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a) - (d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application Serial No.	(Filing Date)
Application Serial No.	(Filing Date)

- 2 -

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(c) of any PCT International application, designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Appln. No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Appln. No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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As a named inventor(s), I(w)e hereby appoint the following attorney(s) and/or agent to prosecute this application and transact all business in the Patent and Trade Mark Office connected therewith:

EDWARD E. PASCAL - Reg. 22934 SUSAN D. BEAUBIEN - Reg. 37571
ROBERT A. WILKES - Reg. 28170 ROBERT G. HENDRY - Reg. 22927
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at telephone No.

Edward E. Pascal
(613)820-1366.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements, and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jan 29, 98

Date

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Gurpreet BHULLAR

Inventor's signature

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Date

JUNE 29 / 1998 X

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Citizenship

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Date

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Citizenship

Post Office Address